

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/33445

A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) : B30B 1/34, 13/00		
US CL : 100/35, 199, 216, 269.03, 269.06, 269.08, 269.09, 269.1, 269.14; 72/453.06, 453.07, 453.08		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
U.S. : 100/35, 199, 216, 269.03, 269.06, 269.08, 269.09, 269.1, 269.14; 72/453.06, 453.07, 453.08		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,253,672 B1 (RAUF et al.) 03 July 2001 (03.07.2001), col. 2, line 24 - col 3, line 10, and figure 1.	9-11 and 14-15
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A		1-8 and 16-23
A	US 4,857,135 A (COPP) 15 August 1989 (15.08.1989), entire document	1-23
A	US 5,852,933 A (SCHMIDT) 29 December 1998 (29.12.1998), entire document	1-23
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:		
"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search		Date of mailing of the international search report
29 January 2005 (29.01.2005)		15 MAR 2005
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